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Ref. No.: 12439-0113

Libby Hill
Libby Hill

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/749,028
Applicant : Pedersen et al.
Filed : December 30, 2003
TC/A.U. : N. Abrams
Examiner : 2839

Confirmation No. 8287

Docket No. : P46C1-US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s).

A COPY OF EACH LISTED DOCUMENT IS NOT PROVIDED because each listed document was cited in the parent application US Serial No. 09/205,502. See 37 CFR § 1.98(d).

Applicants request that the attached Form PTO/SB/08A be initialed and returned in accordance with MPEP §609. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☐ (1) It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d))
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☒ (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- ☐ (4) It is being filed before the mail date of the first Office Action after the filing of a request for continued examination under §1.114.

☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing date of a first Office action on the merits, or (4) the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, then:

- ☐ a statement as specified in §1.97(e) is provided below; **or**
- ☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:

- A. a statement as specified in §1.97(e) is provided below; **and**
- B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

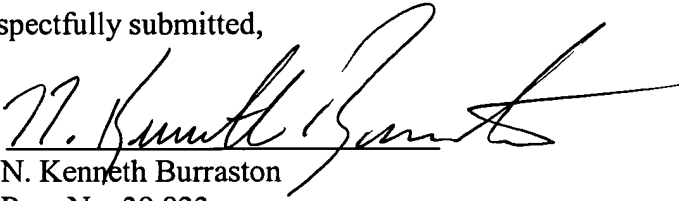
Fee:

- ☒ No fee is due.
☐ A check in the amount of \$_____ for the above-identified fee(s) is enclosed.

Respectfully submitted,

Date: May 11, 2004

By


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12439-0113

Modified Form PTO/SB/08A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	10/490,028
				Filing Date	December 30, 2003
				First Named Inventor	Pedersen et al.
				Group Art Unit	Not known
Examiner Name	Not known				
Sheet	1	of	3	Attorney Docket No.	P46C1-US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
	1.	3379937		Shepherd	4/24/1968	
	2.	4025148		Bouley	5/24/1977	
	3.	4105277		Jacobs	8/8/1978	
	4.	4477134		Wright	10/16/1984	
	5.	4511201		Baker et al.	4/16/1985	
	6.	4553192		Babuka et al.	11/12/1985	
	7.	4940181		Juskey, Jr. et al.	7/10/1990	
	8.	4966556		Reymond	10/30/1990	
	9.	5036431		Adachi et al.	7/30/1991	
	10.	5055777		Bonelli et al.	10/8/1991	
	11.	5106309		Matsuoka et al.	4/21/1992	
	12.	5175491		Ewers	12/1992	
	13.	5195237		Cray et al.	3/23/1993	
	14.	5207585		Byrnes et al.	5/4/1993	
	15.	5214308		Nishiguchi et al.	5/25/1993	
	16.	5239260		Widder et al.	8/24/1993	
	17.	5329423		Scholz	7/12/1994	
	18.	5366380		Reymond	11/22/1994	
	19.	5455390		DiStefano et al.	10/3/1995	
	20.	5476818		Yanof et al.	12/19/1995	
	21.	5495667		Farnworth et al.	3/5/1996	
	22.	5500605		Chang	3/19/1996	
	23.	5578870		Farnsworth et al.	11/26/1996	
	24.	5635832		Ito et al.	6/3/1997	
	25.	5686842		Lee	11/11/1997	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Modified Form PTO/SB/08A

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
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				Group Art Unit	Not known
Examiner Name	Not known				
Sheet	2	of	3	Attorney Docket No.	P46C1-US

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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
	26.	5714803		Queyssac	2/3/1998	
	27.	5764486		Pendse	6/9/1998	
	28.	5811982		Beaman et al.	9/22/1998	
	29.	5865639		Fuchigami et al.	2/2/1999	
	30.	5874780		Murakami	2/23/1999	
	31.	5932891		Higashi et al.	8/3/1999	
	32.	6002266		Briggs et al.	12/14/1999	
	33.	6025730		Akram	2/15/2000	
	34.	6031282		Jones et al.	2/29/2000	
	35.	6031282		Jones et al.	2/29/2000	
	36.	6060891		Hembree et al.	5/9/2000	
	37.	6087845		Wood et al.	7/11/2000	
	38.	6292003	B1	Fredrickson et al.	9/18/2001	
	39.	6452406		Beaman	9/17/2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
	40.	EP	025210		Ermert	3/18/1981		
	41.	EP	072492		Wright	2/23/1983		
	42.	JP	02-34949		Bessho et al.	2/5/1990		x
	43.	JP	03-142847		Ishida	6/18/1991		x
	44.	JP	09-260535		Miyazaki et al.	10/3/1997		x
	45.	TW	328643		Miyazaki et al.	3/21/1998		x
	46.	WO	95/14314		Khandros et al.	5/26/1995		
	47.	WO	96/15459		Khandros et al.	5/23/1996		
	48.	WO	96/15551		Khandros et al.	5/23/1996		
	49.	WO	97/43656		Khandros et al.	11/20/1997		

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



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				Group Art Unit	Not known
				Examiner Name	Not known
Sheet	3	of	3	Attorney Docket No.	P46C1-US

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	50.	"Chip Column Package Structure," IBM Technical Disclosure Bulletin, vol. 40, no. 8, pp. 117-18 (Aug. 1997)	
	51.	"Composite-Contact Interconnection Scheme," IBM Technical Disclosure Bulletin, vol. 33, no. 5, pp. 394-95 (Oct. 1990)	
	52.	CAMERON, "Installation Of Chips On Printed Circuit Cards," IBM Technical Disclosure Bulletin, vol. 11, no. 8, pg. 971 (Jan. 1969)	
	53.	FALDA, "Pluggable Stacked Module," IBM Technical Disclosure Bulletin, vol. 23, no. 12, pp. 5410-11 (May 1981)	
	54.	HINKLEY, "Packaging Techniques," IBM Technical Disclosure Bulletin, vol. 9., no. 7, pg. 765 (Dec. 1966)	

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